

Kelley Rose

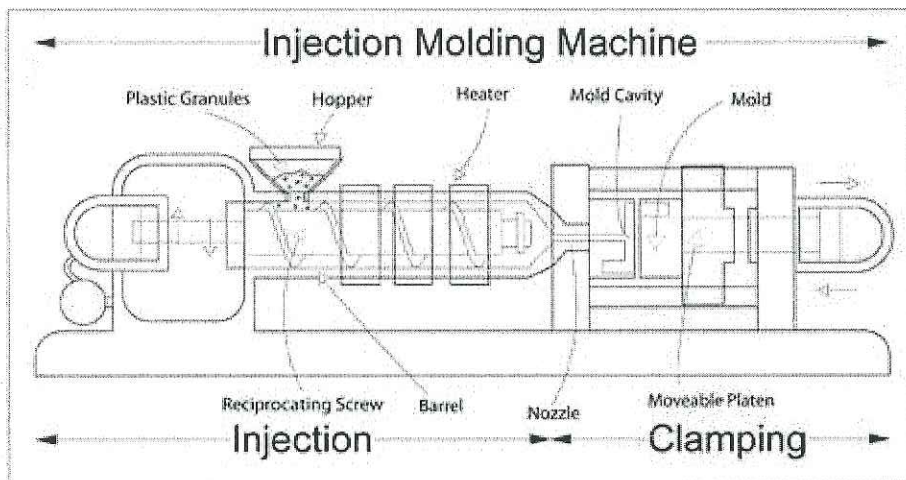
From: Mark Wathen
Sent: Friday, March 13, 2015 10:08 AM
To: Kelley Rose
Subject: Fwd: injection

Can you please print

Sent via the Samsung Galaxy Note® 3, an AT&T 4G LTE smartphone

----- Original message -----

From: Jon Franklin <jfranklin@libman.com>
Date: 03/13/2015 10:01 AM (GMT-06:00)
To: Mark Wathen <mwathen@libman.com>
Cc:
Subject: injection



Plastic pellets are delivered in bulk trucks, gaylords or bags depending on the type and use of material. The material is fed using vacuum lines to the machines and are fed in to the material hoppers. At this point the material is blended with color concentrate and additives per the bill of materials. The material is fed into the barrel and melted using a reciprocating screw and heaters in the barrel. The material is fed into a mold. Once material is fed into the mold the mold is held under pressure until the material cools enough to hold the shape of the mold. Once the shape has been retained the parts are ejected from the mold and transferred to the operator using conveyor belts. Based on the cooling parameters of the parts they can travel by air cooled conveyors or water filled conveyors. The operator packs the parts into the appropriate tote based on their work instruction and the parts are stacked on a pallet and taken to the warehouse.